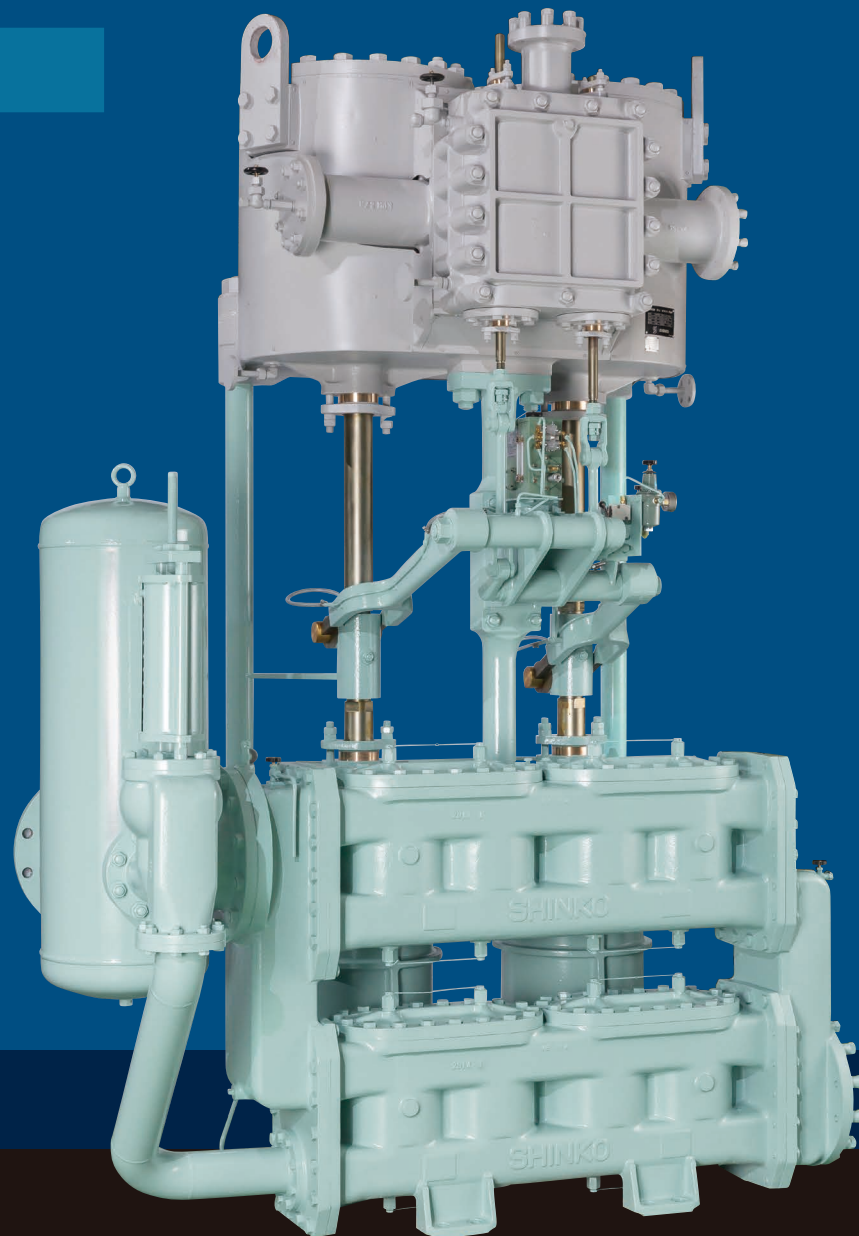


KPH

RECIPROCATING CARGO STRIPPING PUMPS

Shinko KPH steam driven reciprocating pumps are a vertical duplex double acting type, and have been designed and manufactured as cargo stripping pumps.

The liquid cylinders have been constructed as to minimize the clearance of the passage area volume leading to the valve boxes so that the pumps can prevent gas from forming during the piston suction phase. In this way, consideration has been given to improve pump performance.



KPH RECIPROCATING CARGO STRIPPING PUMPS

SPECIFICATION

Item \ Model		KPH 120	KPH 150	KPH 200	KPH 275	KPH 350	KPH 425
Capacity(normal)	(m ³ /h)	120	150	200	275	350	425
Total pressure(max.)	(MPaG)	1.5					
Suction head	(m)	-5					
Working steam pressure	(MPaG)	1.2					
Exhaust steam pressure(max.)	(MPaG)	0.15					
Steam cylinder bore	(mm)	360	420	440	520	560	640
Liquid cylinder bore	(mm)	240	280	300	340	380	420
Stroke length	(mm)	380	380	460	460	460	460
No. of double stroke(nor.)	(min ⁻¹)	33	30	30	30	31	31
Suction bore	(mm)	150	200	200	250	300	300
Discharge bore	(mm)	125	150	200	250	250	300
Steam inlet bore	(mm)	65	65	65	80	80	100
Steam exhaust bore	(mm)	80	80	100	125	125	150
Weight : FC(BC)	(kg)	2625(2850)	3230(3500)	3580(3900)	4485(4900)	5880(6400)	8025(8800)
Water filled in casing	(kg)	210	270	350	405	530	640
Lub.oil filled in auto.lubricator	(ℓ)	2					

■ Pump Model Selection

Pump model selection is made by using the chart on the right according to the requirements of capacity, total head, and effective working steam pressure (steam chest pressure - exhaust steam pressure).

